

FY 2000-01 BUDGET
BUDGET SECTION SUMMARY

Section Title:

COMMON FACILITIES

Section/Index No: 675421

A. Program Description

This section records revenues and expenditures associated with the Sonoma County Water Agency's common facilities.

B. Financial Summary

Description	Adopted FY 99-00	Requested FY 00-01	Difference	Percent Change
Expenditures	\$12,829,500	\$13,112,600	\$283,100	2.21%
Revenues	180,000	2,225,000	2,045,000	1136.11%
Net Cost	\$12,649,500	\$10,887,600	(\$1,761,900)	(13.93%)

C. Staffing Summary

No staffing is allocated to this index.

D. Summary of Reduction Options

No reduction options are proposed at this time.

E. Attachments

- Summary of Revenues and Expenditures
- Character Justification
- Statement of Special Fund Activity

FY 2000-01 BUDGET
CHARACTER JUSTIFICATION

Department - Division: Sonoma County Water Agency - Water Transmission

Section Title: Common Facilities

Character Title: Use of Money and Property

Character No.: 675421-17

1700 Interest on Pooled Cash

This account records interest on pooled cash held for the Agency by the County Treasurer's office. Estimated interest is projected based on cash on hand and current interest rate trends.

Estimated Average Cash Balance	5,000,000
Projected Interest Rate	4.50%
Projected/Planned Interest on Pooled Cash	\$225,000

Character Title: Administrative Control

Character No.: 675421-42

4200 ENT - LTD Proceeds

It is anticipated that the Collector No. 6 and the Wohler-Forestville Pipeline projects, two components approved under the Russian River-Cotati Intertie Project of 1974, will be funded with a state revolving fund loan from the State Department of Health Services. These components are estimated to cost approximately \$7.8 million to construct. Loan terms are currently 20 years at an annual interest rate of 2.8%. Annual debt service under these terms would amount to \$514,640.

4209 ENT - LTD Proceeds - Clearing

This is the clearing account for sub-object 4200, ENT - LTD Proceeds

Character Title: Other Financing Sources

Character No.: 675421-46

4625 OT - W/in Special Dist - BOS

Transfers in from Water Transmission Fund (675108) - for capital improvements - per the recommendation of the Water Advisory Committee, pursuant to the terms of the Master Water Supply Agreement. \$2,000,000 is requested for FY 00-01 as approved by the Water Advisory Committee.

Character Title: Other Charges

Character No.: 675421-75

7930 Interest Long Term Debt

This account records the interest expense for the \$7,800,000 State Revolving Fund Loan. The interest rate is 2.8%. The FY00-01 request is based on the projected loan amortization schedule.

Character: Fixed Assets

Character No.: 675421-85

8510 Building / Improvement

PCAS No. TBD

\$25,000

Funding for FY 00-01 is requested for upgrading the chlorination equipment at the production wells.

8558 Collector 1 & 2 Aquifer Expansion

\$350,000

Funding of this project will allow the Agency to have the laterals at Collectors 1 and 2 cleaned and rehabilitated in FY 00-01. Cleaning and rehabilitation work will help restore pumping efficiency for Collectors 1 and 2. An inspection of the laterals in all five of the Ranney Collectors was completed in FY 99-00.

9112 Mirabel Site Improvements

The following projects are planned for FY 00-01:

\$1,988,000

Mirabel Grounding Grid Mods

PCAS No. TBD

260,000

This item provides for funding for design, environmental analysis, and purchase and installation of the materials needed to modify the ground grids for the pumping facilities at Mirabel.

Chlorine Scrubbers

PCAS No. TBD

28,000

Funding is requested to complete the inspection services and contract administration associated with the installation of chlorine scrubbers at the Mirabel Chlorine Building.

Levee Equalization System

PCAS No. 3513

900,000

\$900,000 is requested to provide funds for completion of improvements to the levee system at Mirabel to prevent erosion damage to the levees when the area is inundated during flooding. In the past, a portion of the cost to repair flood-damaged levees at Mirabel has been paid by FEMA. FEMA has requested the Mirabel levee system be improved to reduce future repair costs.

Gravel Washing Equipment

PCAS No. TBD

800,000

This item is requested to fund the purchase and installation of equipment and materials required to clean and replace sands and gravels which have historically been removed from the Mirabel percolation ponds. This project is needed to help maintain the bottom elevations and percolation rates of the ponds. These ponds are a key component of the Agency's water supply and transmission system.

9113 Wohler Site Improvements

\$1,405,000

The following projects are planned for FY 00-01:

Wohler Emergency Generator Replacement

PCAS No. 3510

145,000

This item is requested to complete the installation of three new emergency generators at Wohler. The new generators will replace the existing generators at the site.

Wohler Transformer Substation Replacement

PCAS No. 3298

135,000

Funding is requested to complete the replacement of the Wohler transformer substation. The new equipment for the substation was procured in FY 99-00.

Chlorine Scrubbers

PCAS No. TBD

25,000

\$25,000 is requested to complete the inspection services and contract administration associated with the installation of chlorine scrubbers at the Wohler Chlorine Building.

Surge Valve Replacement

PCAS No. TBD

30,000

\$ 30,000 is requested for Surge Valve replacement

Character:**Fixed Assets****Character No.:****675421-85**Wohler Submarine Cable

PCAS No. TBD

970,000

This item is requested to furnish and install new power and control cables between the Wohler Control Building and Collectors 1 and 2.

Site Enhancement for Collector No. 6 PCAS No. TBD 100,000

\$100,000 is requested to provide for improved public access, additional parking, and landscaping improvements at the Wohler facility.

9114 River Well Field Development

PCAS No. 3067

\$740,700

This item records project costs to replace lost capacity of 7 to 9 million gallons per day of production capacity at the Wohler Collectors. The following projects are planned for FY 00-01:

Russian River Well Field Winterization Project 475,000

Funding is requested to design, furnish and install facilities to elevate motors and electrical equipment above flood elevations at the Russian River Well Field. This project would allow wells, which are currently non-operational in the winter months, to remain operational year-round.

Piping to Caisson 5 160,000

This item is requested to allow for replumbing of several of the Russian River wells to Caisson 5 to improve water production capability during period of high water demand.

Revegetation 105,700

This item is requested to provide funds for revegetation associated with the Mirabel Revegetation and Enhancement Project, which includes mitigation work for 1) Russian River Well Field Development, 2) River Road pH Control Building, 3) Mirabel Rubber Dam and Emergency Diversion Facilities; and Exotic Plant (*Arundo donax*) Removal and Wildlife Habitat Enhancement.

9115 Mirabel Inflatable Dam

The following projects are planned for FY 00-01:

\$33,000

Drainage Improvements 3,000

\$3,000 is requested to fund some drainage improvements in the area near the inflatable dam.

Fish Ladder Baffle Replacement 30,000

Funding is requested for replacing the baffles in the fish ladder at the Mirabel Inflatable Dam.

9130 Transmission System Expansion

\$1,290,000

Water Supply and Transmission System Project PCAS No. 3071 1,000,000

This item is requested to provide funds for various engineering planning and environmental studies for the long term expansion of the Agency's water supply and transmission system. Specific studies include the Diversion Alternatives Project.

South Transmission System Project (Cotati-Kastania Pipeline) 265,000

This item is requested to provide funds for engineering planning, right-of way, and environmental studies for a portion of the South Transmission System Project, the Cotati to Kastania Pipeline. The South Transmission System Project consists of the Cotati to Kastania Pipeline, the Cotati-Kastania Booster Pump Station, 33.5 million gallons of storage near Cotati, and 10 million gallons of storage near Kastania.

Character:

Fixed Assets

Character No.:

675421-85

Eldridge-Madrone Pipeline 25,000

Funding is requested for planning and environmental services for the Eldridge-Madrone Pipeline in FY 00-01. The Eldridge-Madrone Pipeline consists of approximately 8,300 lineal feet of pipe and necessary appurtenances from the Eldridge Tanks to approximately Madrone Road in the

Valley of the Moon.

9152 Pump & Collector Capacity

\$6,610,000

Pump & Collector Capacity Project

3,153,000

Funds are requested for the design and construction of the pumphouse for Collector No. 6 and the pipeline from Collector No. 6 to approximately the Wohler yard.

Wohler-Forestville Pipeline

3,391,000

Funding is requested to provide for design and construction of the Wohler to Forestville Pipeline. The Wohler to Forestville pipeline consists of approximately 8,300 lineal feet of 60-inch diameter pipe from the Agency's Wohler yard to the Russian River-Cotati Intertie near the River Road facilities.

Cotati Intertie Air Valve Drain

29,000

This item is requested to fund completion of inspection services and contract administration for improvements to drainage structures near the Agency's River Road facilities. The project consists of making modification to the existing culverts and boring and jacking approximately 90 lineal feet of 42-inch reinforced concrete pipe across River Road.

River Road Chlorine Scrubbers

37,000

This item is requested to complete the inspection services and contract administration associated with the installation of chlorine scrubbers at the River Road Chlorine Building.

9156 River Monitoring Stations

\$452,500

Funds are requested to purchase and install six water quality probes. These probes will be used to monitor physical water quality parameters at monitoring stations located along the Russian River.

TOTAL

\$12,894,200

Character:

Administrative Account

Character No.:

675421-92

9200 ENT - Principal

This account reflects the principal payment for the \$7,800,000 State Revolving Fund Loan. The interest rate is 2.8%. The request for the forthcoming fiscal year is based on the projected amortization schedule.

9209 ENT - Principal - Clearing

This is the clearing account for the sub-object 9200, ENT - Principal.

FY 2000-01 BUDGET

STATEMENT OF SPECIAL FUND ACTIVITY

Department: Sonoma County Water Agency - Water Transmission

Section: Common Facilities

Index No.: 675421

DESCRIPTION OF FUND ACTIVITY	Actual FY 98-99	Estimated FY 99-00	Requested FY 00-01
Undesignated/Unreserved <u>BEGINNING</u> Fund Balance Available for Budgeting (See Detailed Components Below)	\$10,518,605	\$14,596,026	\$3,823,997
Annual Revenues and Expenditures:			
Revenues - Increase fund balance	7,712,082	200,000	2,225,000
Expenditures - (Decrease) fund balance	(1,691,631)	(10,972,029)	(13,112,600)
Net Surplus or Deficit - Increase/(Decrease) to fund balance	6,020,451	(10,772,029)	(10,887,600)
Adjustments to Reserves/Encumbrances:			
State Revolving Fund Loan Proceeds			7,800,000
SRF Loan Principal			(296,240)
Outstanding Encumbrances - Net Change	(1,809,467)		
Capitalized Interest	(133,563)		
Net Adjustment - Increase/(Decrease) to Fund Balance	(1,943,030)	0	7,503,760
Undesignated/Unreserved <u>ENDING</u> Fund Balance Available for Budgeting	14,596,026	3,823,997	440,157
Total Increase/(Decrease) in Fund Balance for Fiscal Year (Difference between Beginning and Ending Balance)	\$4,077,421	(\$10,772,029)	(\$3,383,840)
<u>Fund Balance Components at Beginning of FY</u>	<u>7/1/98</u>	<u>7/1/99</u>	
Cash	\$11,416,847	\$16,784,469	
Accounts Payable	(518,132)	(28,094)	
Contract Retention Payable	(71,130)	(41,903)	
Encumbrances	(308,980)	(2,118,447)	
Total Beginning Fund Balance	\$10,518,605	\$14,596,025	